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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY East Germany

REPORT

SUBJECT BRF (Betriebslaboratorien
Rundfunk und Fernsehen)
Berlin-Adlershof

DATE DISTR.

14 50X1-HUM

NO. PAGES

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REFERENCES

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the 20th meeting
of the Working Group for Directional-Radio Technology held on 13 and 14
April 1959 in BRF (Betriebslaboratorien Rundfunk und Fernsehen) Berlin- 50X1-HUM
Adlershof. The various points discussed were as follows:

1. Research group (Forschungsgemeinschaft)
Because of other more urgent matters, a research group was not formed at this meeting. The development chief of VED Rafena was to prepare a report on its recommended composition for the next meeting of the Working Group, which was scheduled for 15 and 16 June 1959 in the Institute for Post and Telecommunications.
2. Development work in the field of directional radio technology
 - a. PPM (Pulsphasenmodulation - pulse phase modulation):
technical conditions on the development of the RVG 934 apparatus.
 - b. RVG 958: Deadline cannot be expected before 1962. Laboratory work on the RVG 957 has held up work on the RVG 958. Good results have been reported for the use of the Sylvania 6 BL 6 klystron. Rafena requirements for travelling field tubes were stated as: about 30 by 1962; about 400 by 1965.
 - c. RVG 957: Field tests of this apparatus are to take place in the fall of 1959. This apparatus will reach the UeK 6 (ZAFT stage of construction code) stage in 1959 and UeK 7 stage early in 1960.
3. Measuring apparatus: Further development of 4 GHz (Gcs.) apparatus, and improvement of existing 4 GHz apparatus.
4. East German grid planning (Netzplanung): Proposal for establishing of a commission composed of experts in both wired and wireless communications to discuss this and also the installation of the K 1800 carrier frequency system.
5. Various subjects:
 - a. Evaluation of the K8 - 02/6 project, i.e. "Wave Guide for Centimeter Waves".

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- b. Research task of BRF: Development of remote control observation points for directional-radio lines.

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